

# WEST Search History

DATE: Tuesday, September 17, 2002

Set Name Query  
side by side

Hit Count Set Name  
result set

*DB=USPT; PLUR=YES; OP=ADJ*

L21	l1 and L20	4	L21
L20	updat\$.ab,ti.	10476	L20
L19	l17 and l5	9	L19
L18	l17 and l9	0	L18
L17	L16 not (l4 or l11 or l15)	36	L17
L16	l1 and l13	38	L16
L15	l1 and L14	2	L15
L14	l9 and L13	73	L14
L13	single.ab,ti.	124375	L13
L12	l1 and master.ab,ti.	8	L12
L11	L10 not l4	11	L11
L10	l1 and L9	12	L10
L9	((interfac\$ or i/o or input/output)adj(module or modules or processor or cpu)).ab,ti.	1013	L9
L8	L7 and master.ab,ti.	8	L8
L7	l1 and l5	99	L7
L6	l1 and l2 and L5 not l4	84	L6
L5	(interfac\$ or i/o or input/output or master).ab,ti.	62671	L5
L4	l3 and master.ab,ti.	8	L4
L3	l1 and L2	92	L3
L2	(interface or i/o or input/output or master).ab,ti.	58828	L2
L1	(programmable logic control\$ or plc or plcs).ab,ti.	469	L1

END OF SEARCH HISTORY

VALID

Pat. No. 05990024 - 1  
Issue Date: 08/02/04

Group ID: E  
User ID: Rxcapu

Page 1  
KS: 709

Warning [Pages Of Foreign References:]

page 1 has no references

page 2 has no references

Warning [Pages Of Other References:]

page 1 has no references

page 2 has no references

CHECK LIST

Rule 47      Continuing Data      PCT      Disclaimer

No ✓      No ✓      No ✓      No ✓

Microfiche Appendix      CPA tag

No ✓      No ✓

Foreign Priority Claimed: No ✓

Acknowledged: No ✓

State Code: VA ✓      Country Code:

Text Endorsement: 09465147.121699

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JACKET

SERIAL NUMBER      FILING DATE      CLASS      SUBCLASS      GAU

09/465,147 ✓      12/16/99 ✓      717 ✓      320 ✓      2186 ✓

FOREIGN PRIORITY

Country      Document Number      Date

DISCLAIMER

/ /

TITLE

~~Multiple program storage within a programmable logic controller system~~

MICROFICHE APPENDIX

ASSISTANT EXAMINER:

First:      Middle:      Last:

PRIMARY EXAMINER:

First:      Middle:      Last:

B.      James      Peikari

CLAIMS ALLOWED

Total      Print

27      1 ✓

DRAWINGS

Sheets      Figures      Print

1      1      Y ✓

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BLUE SLIP INFORMATION

<u>SERIAL</u> <u>NUMBER</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>GAU</u>
09/465/147	7 <del>7</del>	32 <del>0</del>	21 <del>8</del> 6

INDEP. CLAIMS

1~~/~~12

TOTAL CLAIMS

27~~/~~

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BLUE SLIP (Page 1)

INTERNATIONAL CLASSIFICATION

Class      SubClass

G0~~6~~F      9/0~~6~~

CROSS-REFERENCES

Class      SubClass

717	319 ✓
710	10 ✓
709	2 <del>2</del> ; 2 <del>2</del> 8

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TERM EXTENSION

0 ✓

FIELD OF SEARCH

Class      SubClass

365      2~~2~~1

700  $\frac{2}{3}$   
710  $\frac{1}{16}; \frac{1}{10}; \frac{1}{8}; \frac{1}{4}; \frac{1}{9}$   
712  $\frac{1}{1}$   
709  $\frac{2}{8}; \frac{2}{9}; \frac{2}{12}; \frac{2}{13}; \frac{2}{18}; \frac{2}{20}; \frac{2}{22}; \frac{2}{24}; \frac{2}{28}$   
717  $\frac{3}{9}; \frac{3}{20}$

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OATH

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
James	E.	Grimes	Yes
<u>City:</u>	Ruckersville		
<u>State:</u> VA	<u>ZIP Code:</u>	<u>Country:</u>	<u>Foreign ZIP:</u>

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
William	Marion	Huntley, Jr.	Yes
<u>City:</u>	Earlsville		
<u>State:</u> VA	<u>ZIP Code:</u>	<u>Country:</u>	<u>Foreign ZIP:</u>

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PCT INFO

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CONTINUING DATA (Page 1)

<u>LINE</u>	<u>CODE</u>	<u>SERIAL NUMBER</u>	<u>FILING DATE</u>	<u>STATUS</u>	<u>DOCUMENT NO.</u>	<u>ISSUE DATE</u>
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REFERENCES (Page 1) SERIAL NUMBER: 09/465,147  
FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
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5,978,593	11/1999 Sexton	710	1
5,659,705	08/1997 McNutt et al.	365	221
5,473,757	12/1995 Sexton	700	2
5,072,374	12/1991 Sexton et al.	700	2
5,056,001	10/1991 Sexton	710	10

FOREIGN REFERENCES

<u>Foreign Doc No.</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>SubClass</u>
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OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

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REFERENCES (Page 2) SERIAL NUMBER: 09/465,147  
FORM 1449

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
*6,223,266	04/2001	Sartore		
No issue date available.				
5,960,450	09/1999	Lang et al.		
*6,202,120	03/2001	Lang et al.		
No issue date available.				
5,854,638	12/1998	Tung		
5,815,426	09/1998	Jigour et al.		
5,812,782	09/1998	Jackson		

FOREIGN REFERENCES

<u>Foreign Doc No.</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>SubClass</u>
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OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

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